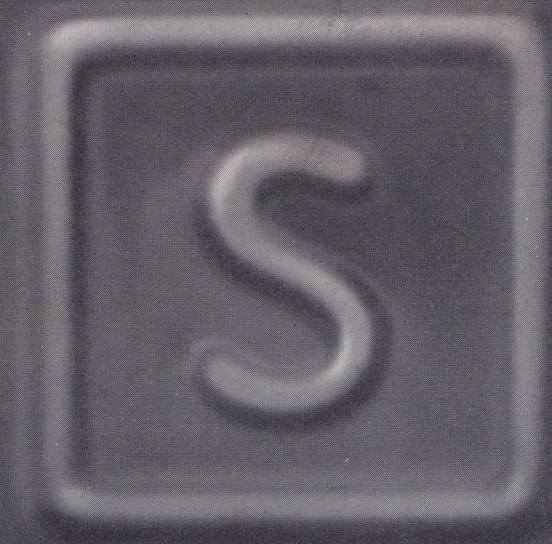


STERLING



PITTSBURGH SUPPLY COMPANY

435 Water Street

Court 4649

PITTSBURGH, PA.

IT IS NOT A STERLING WITHOUT THE 

STERLING WHEELBARROW CO.
MILWAUKEE, WISCONSIN U.S.A.

CATALOGUE No. 51

Branch Offices

CHICAGO 612 W. Lake St.

NEW YORK 34 Hubert St.

PHILADELPHIA 227 N. 23rd St.

DETROIT 47 West 7 Mile Road

CLEVELAND Penton Building

ST. LOUIS 711 S. Theresa Ave.

PITTSBURGH 435 Water St.

Cart Wheels

Flat or Oval Tires

STERLING Steel Cart Wheels are made in diameters of 18" to 42" and with tires 2" or 2½" wide by ⅜" thick.

All spokes are ½" diameter, cast to heavy hubs, and flush riveted to counter-sunk tires. The No. 3 Cart is equipped with either 30" x 2" tire, or with 36" x 2½" tire wheels as specified. The No. 6 and No. 7 carts are equipped with 42" diameter by 2½" tire wheels as here illustrated. All wheels are equipped with grease cups, and have plain bearings unless specially ordered otherwise. The 42" diameter wheels have 18 spokes, the 36" diameter wheels have 16 spokes, the 30" wheels have 14 spokes, and the smaller sizes 12 spokes. The bore of all wheels is smooth and accurately machined.

Dia.	Tire	Hub	Bore	Spokes
18	2 x ⅜	5	1⅛ to 1½	12—½
21	2 x ⅜	5	1⅛ to 1½	12—½
24	2 x ⅜	5	1⅛ to 1½	12—½
30	2 x ⅜	5	1⅛ to 1½	14—½
18	2½ x ⅜	5	1⅛ to 1½	12—½
21	2½ x ⅜	5	1⅛ to 1½	12—½
24	2½ x ⅜	5	1⅛ to 1½	12—½
30	2½ x ⅜	5	1⅛ to 1½	14—½
36	2½ x ⅜	5	1⅛ to 1½	16—½
42	2½ x ⅜	6	1⅛ to 1½	18—½

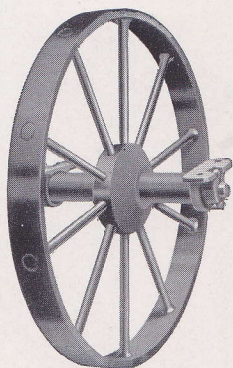
Oval tires can be furnished on cart wheels, if desired, in 2½" width only. Thickness of oval tire at center is ½".

Built to Last

24", 30", 36" and 42" diameter wheels can be furnished with roller bearings.

We can furnish wheels with plain or roller bearings equipped with 30" x 3½" pneumatic double tube tires.

Wheelbarrow Wheels



No. 2

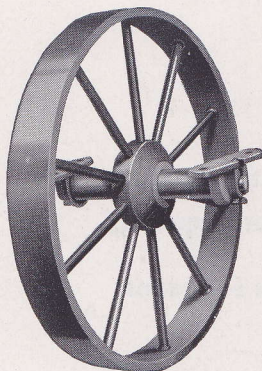
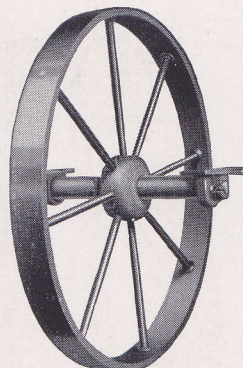
Steel Wheel

No. 3

NO. 2 wheel is used as standard on the major part of our wheelbarrow line. The No. 3 is used only on the No. S1, No. S2, No. S22 and No. 122 as standard. Both are equipped with pre-lubricated bearings which are installed in each end of the hub. The hubs are of steel.

Axles are round cold rolled steel attached to malleable brackets by means of split pins. This construction keeps the axle stationary and prevents wear on the brackets. It also braces the handles of the wheelbarrow at the wheel end. The No. 2 has 10 spokes whereas the No. 3 has 8 spokes.

No.	Dia.	Face	Tire	Spokes	Hub	Bore	Wt.
2	16	1½	¾	10	7¾	⅝	16½
3	16	1½	⅝	8	7¾	½	12



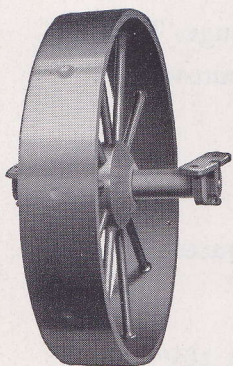
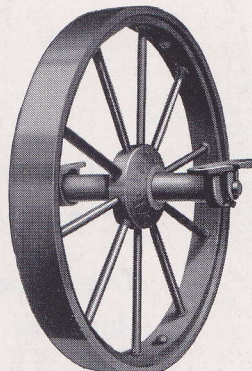
No. 4

Steel Wheel

No. 5

THE No. 4 and 5 wheels have the same hub, axle, and spoke construction as the No. 2 wheel, but are provided with wider tires. Both are furnished as standard equipment on our heavier types of wheelbarrows. No. 5 wheel is equipped with an extra tire welded over the standard tire and is recommended for service where extremely heavy loads are handled and where service is otherwise extra severe. The self-lubricating bearings in all Sterling wheelbarrow wheels are extremely durable. They are fool proof and require no additional oiling.

No.	Dia.	Face	Tire	Spokes	Hub	Bore	Wt.
4	16	2	¾	10	7¾	⅝	19
5	16¾	2	¾	10	7¾	⅝	27



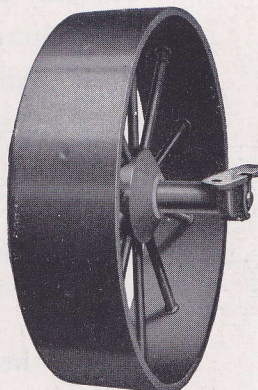
No. 9

Steel Wheel

No. 10

NO. 9 and 10 wheels are made with extra wide tires. The No. 9 has 3" tire while the No. 10 has a 4" tire. These are intended for use in cemeteries, golf courses, or for any similar service where protection of lawns, etc., is essential. They have the same hub, spokes and diameter as the standard No. 2 wheels, and are interchangeable on any of the Sterling wheelbarrow frames. The spokes on all Sterling wheels are flush riveted in countersunk holes so that the tire is perfectly smooth on the outside.

No.	Dia.	Face	Tire	Spokes	Hub	Bore	Wt.
9	16	3	⅝	10	7¾	⅝	21¾
10	16	4	⅝	10	7¾	⅝	26



Rubber Tire Wheel

No. 12

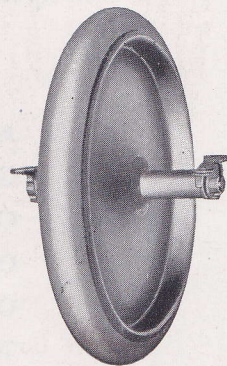
The No. 12 is an all welded, double disc wheel, with molded rubber tire. Equipped with the standard Sterling pre-lubricated bearings and the standard axle and bracket construction. This wheel is proving popular on construction jobs such as roofing and floor work. It is also being used in buildings where elimination of noise or saving of wear on floors is important.



MALLEABLE BRACKETS

Keyed to Axle on All Sterling Wheels

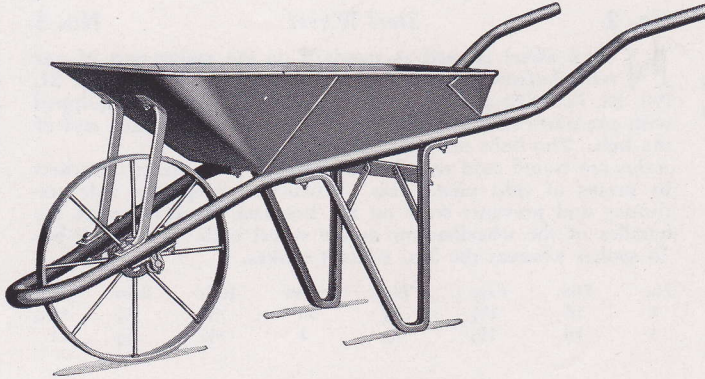
Diameter 16" Weight 17 Lbs.
Tire Width 1¾" Tire Thickness 1⅝"



STERLING WHEELBARROW CO.

Milwaukee, Wis.

Light Tubular Frame Barrows



No. S 1

THE S1 and S2 barrows are of light construction suitable for general work where large capacity and extra hard service are not required.

Due to compact size and light weight they are excellent barrows for export shipment.

The only difference between the S1 and the S2 is the gauge of the tray. The S1 tray is made of 18 gauge steel and the S2 tray of 16 gauge. Trays are lapped at corners for additional strength and welded. A butt-welded rod is rolled in the top edge, giving continuous reinforcement.

The handles are made of one continuous length of tubing.

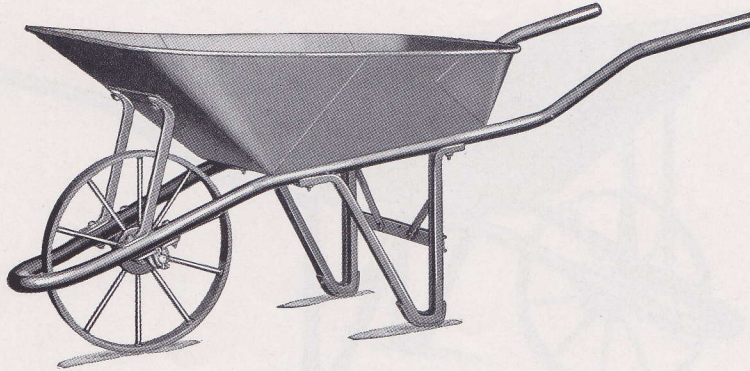
Legs are channel steel with channel cross brace and diagonal braces. Tray braces are V-shaped.

No. 3 wheel is used on these barrows, 16" diameter, 5/16" x 1 1/2" tire —8 spokes. Self-lubricating bushings and malleable brackets.

	S1	S2
Maximum Capacity.....	3 Cu. Ft.	3 Cu. Ft.
Gauge of Tray.....	18	16
Overall Length.....	60"	60"
Overall Width.....	23 3/4"	23 3/4"
Overall Height.....	22 3/4"	22 3/4"
Weight	56 3/4	60 1/4

STERLING WHEELBARROW CO. Milwaukee, Wis.

Tubular Frame Industrial Barrows



No. S 3

THE S3, S4 and S5 barrows are suitable for hard service in industrial plants, railroad work, construction, foundries, wherever tubular barrows are desired. Intended for dry materials of medium or heavy weight.

The S3 tray is made of 16 gauge steel, but trays of 14 gauge and 12 gauge can be furnished. The S4 and S5 have larger trays, the former having a 16 gauge tray and the latter a 14 gauge tray. Trays made of 12 gauge steel can be furnished. All trays are lapped at corners and welded, no rivets being used. A 11/32" rod, butt-welded at joint is rolled in top edge.

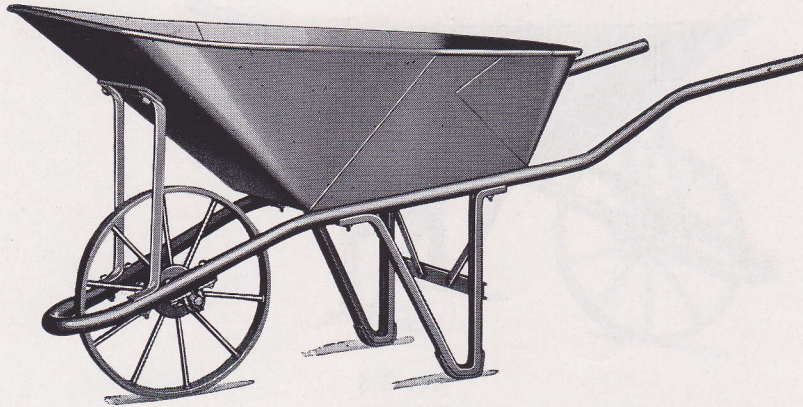
The tubular handles are made of one continuous length. The V-shaped front braces are connected at upper ends by a 1/4" x 1 1/2" brace support. The channel steel legs have cross and diagonal braces and are equipped with shoes.

No. 2 wheel is standard on these barrows, 16" diameter, 3/8" x 2" tire, 10 spokes, self-lubricating bushings and malleable brackets—5/8" axle.

Wheels having wider tires or wheels with rubber tires, either solid or pneumatic are interchangeable with the No. 2 wheel.

	S3	S4	S5
Maximum Capacity.....	3 1/2 Cu. Ft.	4 Cu. Ft.	4 Cu. Ft.
Gauge of Tray.....	16	16	14
Overall Length.....	63"	63"	63"
Overall Width.....	25"	27"	27"
Overall Height.....	24 3/4"	25 1/2"	25 1/2"
Weight	74 1/2	77 3/4	84 1/4

Coal Barrows



No. S 6

THE S6 coal barrow having a tubular frame and the SW6 having a clear maple frame, are designed to wheel a maximum amount of coal or similar material with the minimum effort. The trays are located on the frames to balance the greater part of the load over the wheel.

The trays used on these barrows are made of 14 gauge steel, corners are lapped giving double strength. Trays are all welded, no rivets. Rolled into the top edge is a $11/32$ " diameter rod, butt-welded at the ends to give a continuous reinforcement. 12 gauge trays can be furnished.

Tray braces are V-shaped, connected at upper ends by $1/4$ " x $11/2$ " brace support.

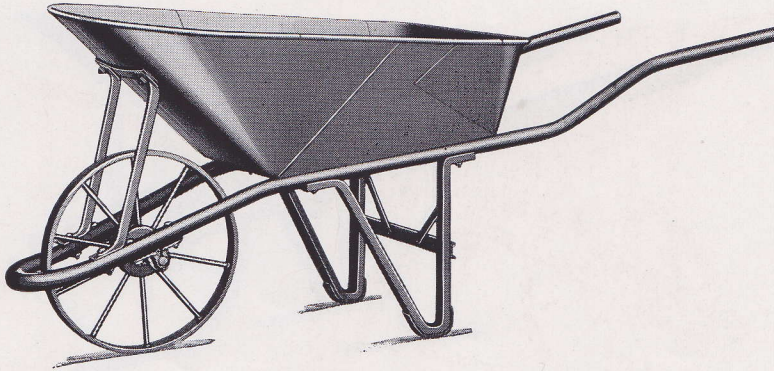
The channel steel legs, equipped with shoes, have cross and diagonal braces.

No. 2 wheels, 16" diameter, $3/8$ " x $11/2$ " tires—10 spokes—self-lubricating bearings. Malleable brackets— $5/8$ " axle. Can be equipped with wheels having wider tires or with wheels having solid rubber or pneumatic tires.

The No. 118 barrow has 14 gauge tray. Can be furnished with maple frame.

	S6	SW6	118
Maximum Capacity	6 Cu. Ft.	6 Cu. Ft.	5 Cu. Ft.
Capacity Coal	350 Lbs.	350 Lbs.	250 Lbs.
Overall Length	64"	62"	63"
Overall Width	30"	30"	$28\frac{1}{2}$ "
Overall Height	$29\frac{1}{2}$ "	$29\frac{3}{4}$ "	$28\frac{1}{2}$ "
Weight	$96\frac{1}{2}$	$90\frac{1}{2}$	$89\frac{1}{2}$ "

Tubular Frame Concrete Barrows



No. S 8

THE S7½, S8 and S10 barrows have trays that are narrow and deep. Used on construction work for handling concrete and mortar. Their narrow width has made them popular as bunker barrows aboard ships. Trays are so designed to have exact struck capacities for measuring purposes.

The 16 gauge trays are welded, no rivets used. Double corners, 11/32" diameter butt-welded rod rolled in top edge. V-shaped tray braces—1/4" x 1½" brace supports.

One piece tubular frames.

Channel legs equipped with shoes.

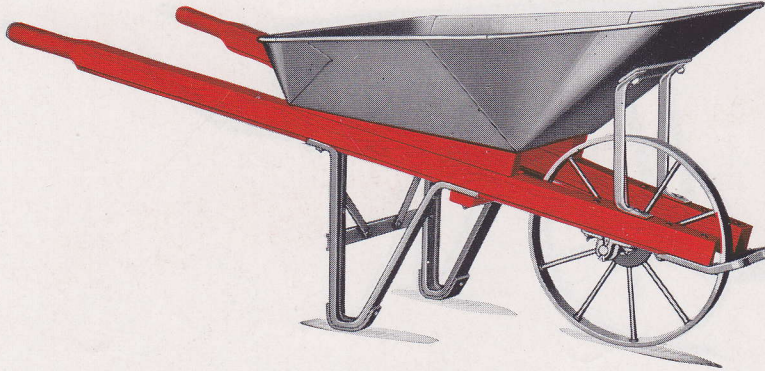
No. 2 wheels, 16" diameter, 10 spokes, 3/8" x 1½" rims, are standard on these barrows, but if desired, wheels with wider rims or wheels having solid rubber or pneumatic tires can be furnished.

All wheels have self-lubricating bushings and malleable brackets.

	S7½	S8	S10
Maximum Capacity.....	4 Cu. Ft.	4½ Cu. Ft.	5 Cu. Ft.
Struck Capacity.....	3 Cu. Ft.	3½ Cu. Ft.	4 Cu. Ft.
Overall Length.....	63"	63"	63"
Overall Width.....	25"	26"	27"
Overall Height.....	26½"	28"	28¾"
Weight	79½	84¼	86½

STERLING WHEELBARROW CO. Milwaukee, Wis.

Wood Frame Dry Material Barrows



No. S 12

THE barrows shown here are popular sizes for the handling of dry material on construction work and for general purpose work in industrial plants, on railroads, etc. Perfect balance for minimum wheeling effort.

The trays are made of 16 gauge steel, lapped at corners for additional strength and welded, no rivets are used. Tray is smooth inside. The rod rolled in the top edge is butt-welded forming a continuous reinforcement which prevents tray from splitting at the top edge. The diameter of this rod is $11/32''$.

Handles are made of No. 1 clear maple. The wheel guard is malleable iron.

Legs are channel steel, with channel cross brace and diagonal V-braces. Legs are equipped with shoes.

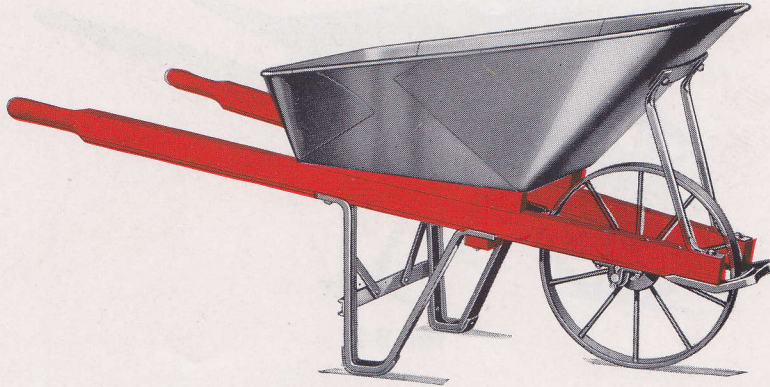
Tray braces are V-shaped and connected at upper ends by a $1/4'' \times 11/2''$ brace support.

No. 2 standard wheel, 16" diameter x $3/8'' \times 11/2''$ tire—10 spokes. Equipped with self-lubricating bushings.

These barrows can be furnished with 14 ga. or 12 ga. trays. Instead of No. 2 wheels we can furnish these barrows with wheels having wider steel rims, or with wheels equipped with solid rubber or pneumatic tires.

	S12	S13
Maximum Capacity.....	3½ Cu. Ft.	4 Cu. Ft.
Overall Length.....	58½"	58½"
Overall Width.....	25"	27"
Overall Height.....	25½"	26½"
Weight	70¼	73½

Wood Frame Concrete Barrows



No. S 17

THESE barrows are built expressly for wheeling concrete, mortar and similar wet materials. Rounded nose permits proper discharge into forms, hoppers, etc. They have exact struck capacities. Balanced so that load is wheeled easily and safely with minimum effort.

The trays are made of 16 gauge steel, lapped at corners for additional strength and welded; no rivets are used. Tray is smooth inside. The rod rolled in the top edge is butt-welded forming a continuous reinforcement which prevents tray from splitting at top edge. The diameter of this rod is $11/32$ ".

Handles are made of No. 1 clear maple. The wheel guard is malleable iron.

Legs are channel steel, with channel cross brace and diagonal V-braces. Legs are equipped with shoes.

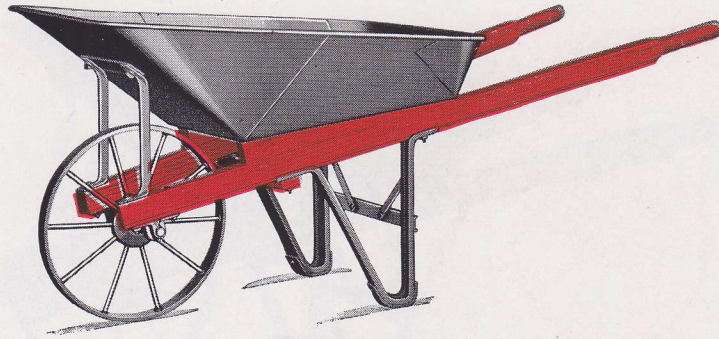
Tray braces are V-shaped and connected at upper ends by a $1/4$ " x $11/2$ " brace support.

No. 2 standard wheel, 16" diameter x $3/8$ " x $11/2$ " tire—10 spokes. Equipped with self-lubricating bushings.

Wheels having wider rims, or wheels equipped with solid rubber or pneumatic tires can be furnished.

	S17	S18	S19
Maximum Capacity.....	4 Cu. Ft.	$4\frac{1}{2}$ Cu. Ft.	5 Cu. Ft.
Struck Capacity.....	3 Cu. Ft.	$3\frac{1}{2}$ Cu. Ft.	4 Cu. Ft.
Overall Length.....	$58\frac{1}{2}$ "	$58\frac{1}{2}$ "	$58\frac{1}{2}$ "
Overall Width.....	25"	26"	27"
Overall Height.....	$27\frac{1}{2}$ "	$28\frac{3}{4}$ "	$29\frac{1}{2}$ "
Weight	75	$79\frac{3}{4}$	82

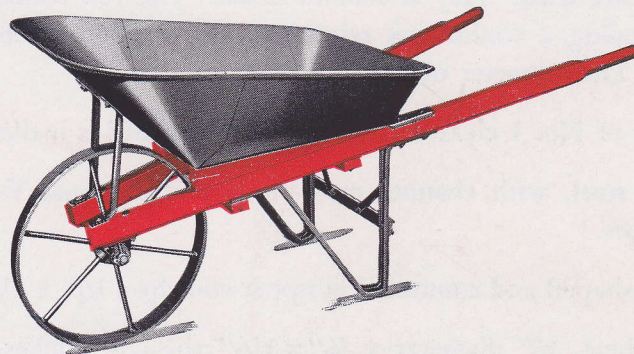
General Purpose Barrow



No. S 20

THE handles of this barrow do not extend beyond the wheel. Used on construction work and for general purposes where forward dumping is not required, and on material hoists. Sixteen gauge tray, welded, $11/32''$ diameter butt-welded rod rolled in top edge. Clear maple handles. Channel steel legs with shoes. No. 2 wheel, self-lubricating bushings. Malleable wheel brackets.

Max. Capacity $3\frac{1}{2}$ Cu. Ft.—Length 56", Width 25", Height $25\frac{1}{4}''$, Weight $67\frac{1}{4}$ Lbs.



Handie Baro

FOR use around homes and gardens. Proper size for women and children. Light, strong, well made. Narrow width permits passage through doorways, gates, etc. Can be used in basements.

Tray 20 gauge, handles clear maple, varnished.

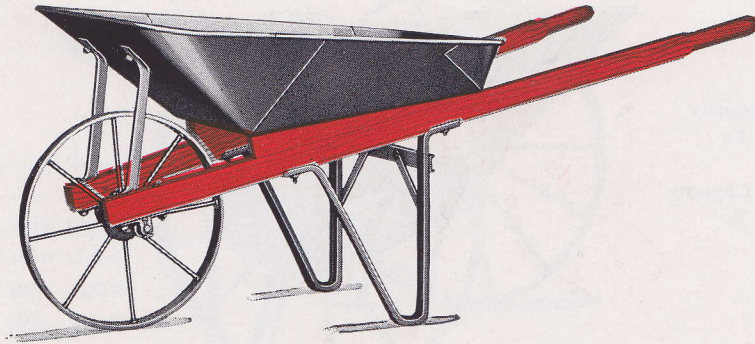
Wheel 14" diameter, $1\frac{3}{4}''$ face, self-lubricating bushings, malleable brackets. Channel legs with cross brace and diagonal braces.

For shipment the Handie-Baro is packed complete in an attractive carton. Complete diagram for assembling inside package.

Length 50", Width 23", Height 24", Weight $33\frac{1}{4}$ Lbs.

STERLING WHEELBARROW CO. Milwaukee, Wis.

Light Wood Handle Barrows



No. S 22

THE No. S22 barrow is a light, strong home barrow with wood handles. It is well balanced, strong and will give long service when used for light or medium work. 18 gauge tray, welded. Butt-welded rod rolled in top edge. Clear maple handles. Channel steel legs. No. 3 wheel — 16" diameter, tire 5/16" x 1 1/2"—8 spokes—self-lubricating bushings—malleable brackets.

Max. Capacity 3 Cu. Ft.—Length 57", Width 24 3/4", Height 23", Weight 47 1/2 Lbs.



No. 122

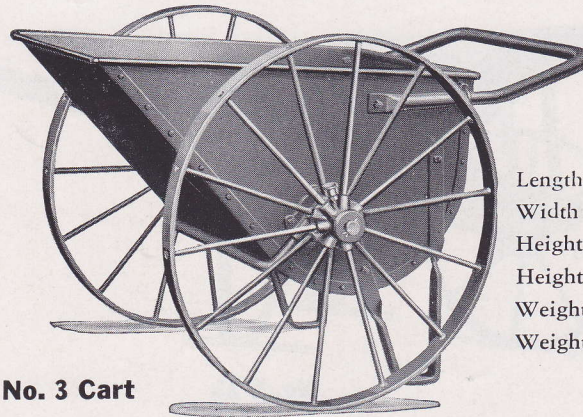
THE No. 122 differs from the S22 only in the handles, which, in the No. 122 are longer and are equipped with steel tips. These tips extend beyond the wheel in order that barrow may be dumped forward. Handles are of the same clear maple as those of the S22. All other parts of these two barrows are indential.

Max. Capacity 3 Cu. Ft.—Length 58", Width 24 3/4", Height 23", Weight 49 1/2 Lbs.

Concrete Carts

Level Capacity
6 Cu. Ft.

Maximum Capacity
7 Cu. Ft.



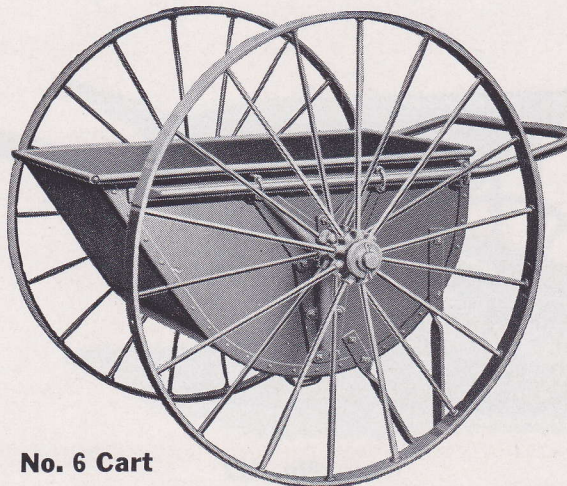
No. 3 Cart

Length50"
Width36½"
Height with 30" wheels.....31"
Height with 36" wheels.....36"
Weight with 30" wheels..176½
Weight with 36" wheels.....204

THE Sterling No. 3 cart has a level capacity of 6 cubic feet. The Standard No. 3 has wheels 30" in diameter but can also be furnished with wheels having 36" diameter. Tires are $\frac{3}{8}$ " x 2" on 30" diameter wheels and $\frac{3}{8}$ " x 2½" tires on 36" diameter wheels. The tray is made of 14 gauge steel all welded construction. Has a continuous ½" diameter butt-welded rod in top edge. Handles are attached by means of clamps. Axle is one piece bent underneath the tray and up the sides. It is made of alloy steel, heat treated after forging. Axle diameter is 1½". Can be furnished with wheels having oval tires instead of flat. Oval tires are ½" thick at center. Roller bearings can be furnished. Cart with 30" wheels *can be furnished with pneumatic tires.*

Level Capacity
6.7 Cu. Ft.

Maximum Capacity
8 Cu. Ft.



No. 6 Cart

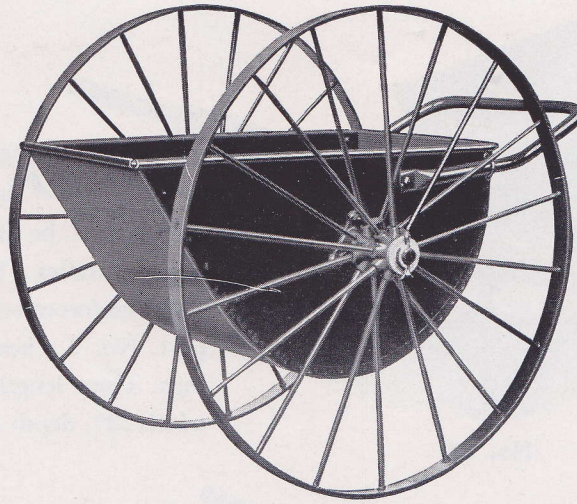
Length51½"
Width39"
Height42"
Weight265

THE No. 6 Cart is made for heavy duty service. Used extensively by industrial plants as well as contractors. Tray has a level capacity of 6.7 cu. ft. Made of 12 gauge steel with continuous butt-welded rod ½" diameter, rolled in top and is further reinforced by heavy malleable iron axle brackets and by pipe handles that extend full length of tray. Welded construction. Axles are 1⅜" in diameter and do not extend inside the tray. Wheels are 42" in diameter, have 18 spokes and a tire $\frac{3}{8}$ " x 2½". Heavy malleable iron axle brackets. Can be furnished with wheels having oval tires instead of flat. Oval tires are ½" thick at center. Roller bearings can be furnished.

Concrete Carts

Level Capacity
6.7 Cu. Ft.

Maximum Capacity
8 Cu. Ft.



Length51½"
Width39"
Height42"
Weight247

No. 7 Cart

THE No. 7 cart tray has a level capacity of 6.7 cubic feet. Bottom and side walls are 12 gauge steel, welded into a unit. The top edge of the tray is reinforced with a rod ½" in diameter. This rod is butt-welded to give a continuous reinforcement.

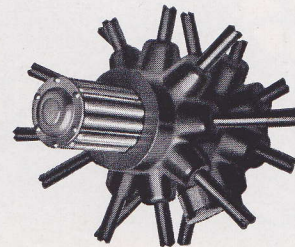
The axle is 1⅜" in diameter and extends through the tray. The axle brackets are malleable iron. For easy removal of the axle, it is attached to brackets by pins instead of set screws.

Wheels are 42" diameter x 2½" face. Hubs are equipped with grease cups. Oval tire wheels can be furnished if desired. The thickness of the oval tire at center is ½". This cart can be furnished with or without legs. Flat or oval tire wheels can be furnished with roller bearings.

Roller Bearings for Cart Wheels

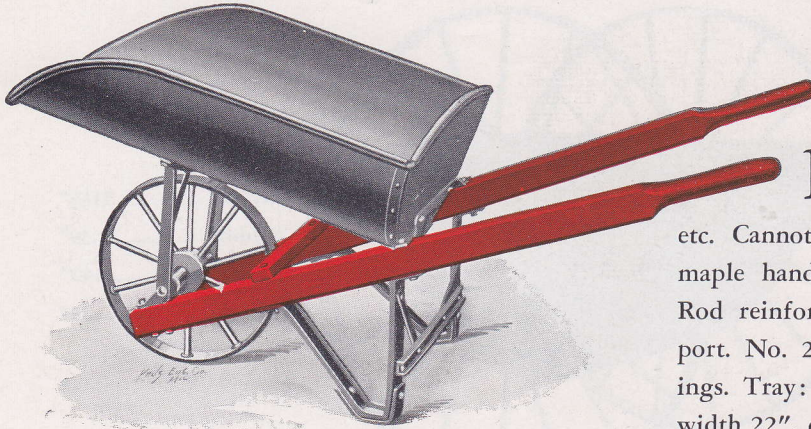
THE accompanying cut shows the Sterling roller bearing for cart wheels. The cage and the rollers are steel.

In the roller bearing installed in No. 3 carts, there are 12 rollers 5/16" in diameter. There are 12 rollers ⅜" in diameter in the bearings installed in the 42" diameter wheels used on No. 6 and No. 7 carts.



Roller Bearing

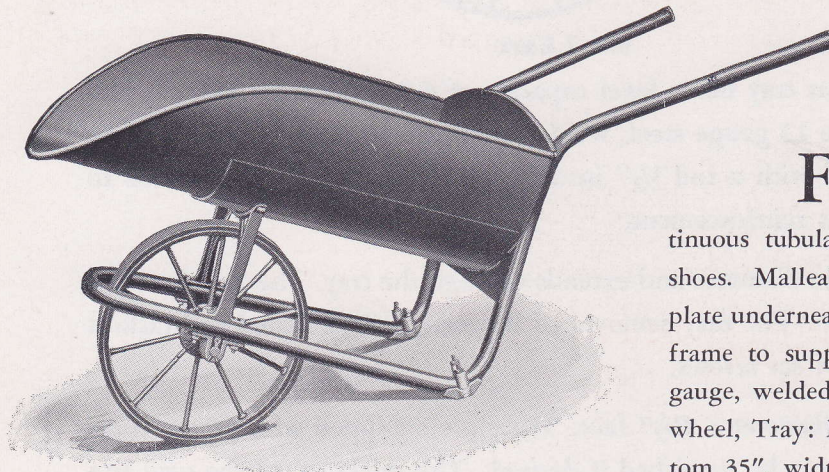
Miscellaneous Wheelbarrows



No. 100

Capacity3½ Cu. Ft.
Length64"
Width27½"
Height28"
Weight66½

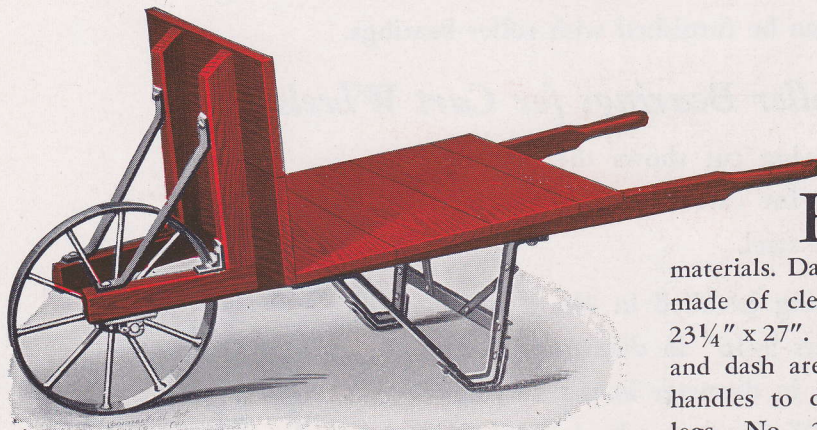
DESIGNED for discharging into bins, skips, hoppers, etc. Cannot be dumped sideways. Clear maple handles. Welded 16 gauge tray. Rod reinforcement. Malleable arch support. No. 2 wheel, self-lubricating bushings. Tray: length top 21", bottom 35", width 22", depth 12½".



No. 101

Capacity3½ Cu. Ft.
Length61½"
Width26"
Height27½"
Weight82

FOR charging. Load is well balanced over wheel. Continuous tubular frame. Welded steel leg shoes. Malleable arch brace. Supporting plate underneath tray. Welded plate across frame to support rear of tray. Tray, 16 gauge, welded, rod reinforcement. No. 2 wheel, Tray: length, top 21", length bottom 35", width 22", depth 12½".



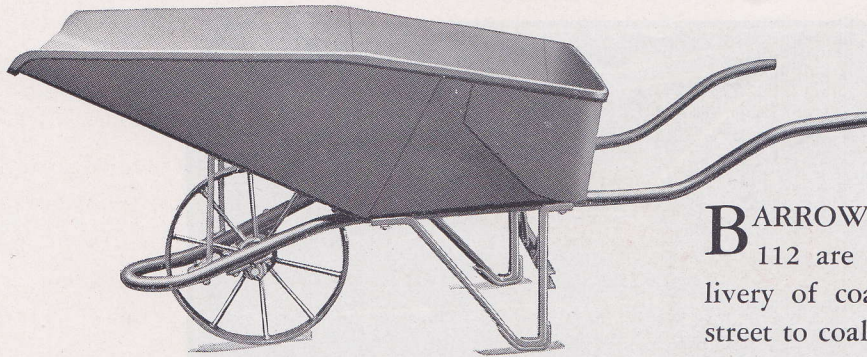
No. 104

Capacity700 Lbs.
Length59"
Width24¾"
Height28"
Weight68½

FOR wheeling brick, tile, concrete blocks and similar materials. Dash, platform and handles are made of clear maple. Size of platform 23¼" x 27". Dash 15½" high. Platform and dash are bolted. Heavy braces from handles to dash uprights. Channel steel legs. No. 2 wheel, self-lubricating bushings.

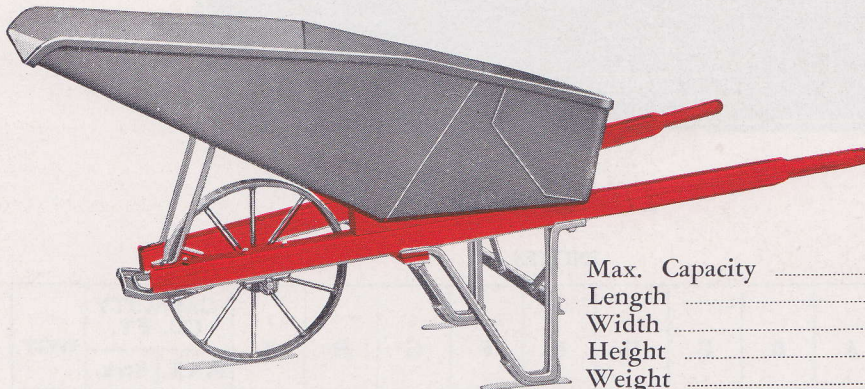
STERLING WHEELBARROW CO. Milwaukee, Wis.

Window Coal Barrows



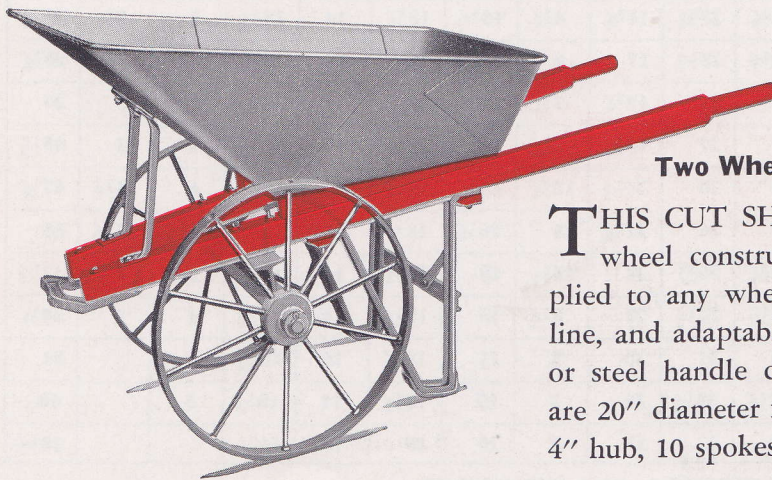
No. 111

111 has the tray mounted on continuous tubular frame. No. 112 has clear maple frame with malleable iron wheel guard. Trays are 14 gauge, welded. Bar reinforcement at top. No. 2 wheels, 10 spokes $\frac{3}{8}$ " x $1\frac{1}{2}$ " tires, self-lubricating bearings. Channel steel legs. Either barrow can be equipped with wheel having solid rubber tire or pneumatic tires.



No. 112

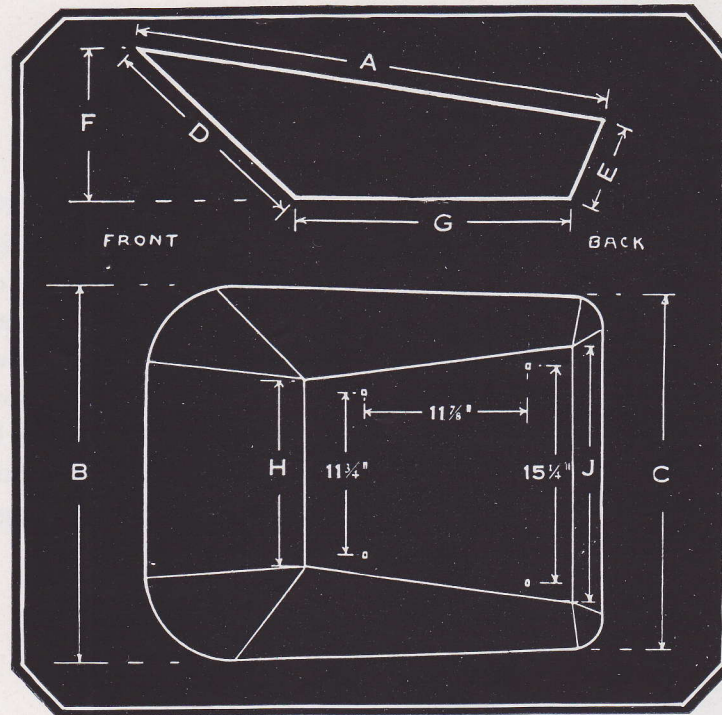
	111	112
Max. Capacity	6 Cu. Ft.	6 Cu. Ft.
Length	69"	69½"
Width	24¾"	24¾"
Height	30"	30"
Weight	101	96½



Two Wheel Construction

THIS CUT SHOWS our standard two wheel construction which can be applied to any wheelbarrow in the Sterling line, and adaptable to either wood handle or steel handle construction. The wheels are 20" diameter x $1\frac{1}{2}$ " face x $\frac{7}{8}$ " bore—4" hub, 10 spokes.

Wheelbarrow Trays



Dimensions

INCHES

NUMBER	GA. OF TRAY	A	B	C	D	E	F	G	H	J	CAPACITY CU. FT.		WGT.
											MAX.	Strk.	
S1-S22-122	18	32 1/4	23 3/4	23 3/4	14 3/4	4 3/4	10 1/2	18 1/4	14	18 1/2	3	1 3/4	18
S2	16	32 1/4	23 3/4	23 3/4	14 3/4	4 3/4	10 1/2	18 1/4	14	18 1/2	3	1 3/4	21 3/4
S3-S12-S20	16	34 1/2	25 1/2	25 1/2	17	6	12 1/2	18 1/4	14	18 1/2	3 1/2	2 1/4	25 3/4
S4-S13	16	36	27	27	18 3/4	7 1/4	14	18 1/4	14	18 1/2	4	3	29
S5	14	36	27	27	18 3/4	7 1/4	14	18 1/4	14	18 1/2	4	3	35 1/2
S6-SW6	14	43	30	30	24 1/2	10 3/4	18 1/4	18 1/4	14	18 1/2	6	4 1/2	47 1/4
S8-S18	16	39	26	26	21 3/4	10	16 1/2	18 1/4	14	18 1/2	4 1/2	3 1/2	35
S10-S19	16	40 1/2	26 3/4	26 3/4	24	10 1/2	18	18 1/4	14	18 1/2	5	4	37 1/2
S7 1/2-S17	16	37	24 1/2	24 1/2	20	8 1/2	15	18 1/4	14	18 1/2	4	3	30 1/4
111-112	14	46	16	22	30	9	14	18 1/4	14	18 1/2	6		51
118	14	40 1/2	28 1/2	28 1/2	23	8	17	18 1/4	14	18 1/2	5		40
HANDIE	20	28	22	22	14	5	10	15	10	14 1/2			10 1/2

HANDIE-BARO TRAY BOLT CENTERS—8 1/4" AND 11 3/8"x9"

STERLING WHEELBARROW CO. Milwaukee, Wis.

